

What is claimed is:

1. An information system supporting a plurality of network connected infusion pumps, comprising:

an acquisition processor for acquiring fluid infusion related data from a plurality of concurrently operating infusion pumps;

a data processor for processing said acquired fluid infusion related data to provide data suitable for presentation in a single display image identifying said plurality of concurrently operating infusion pumps together with status information identifying status of individual pumps of said plurality of concurrently operating infusion pumps.

2. An information system according to claim 1, wherein

said acquired fluid infusion related data provides data associated with individual pumps including at least one of, (a) pump location, (b) pump access address, (c) pump start time, (d) pump flow rate, (e) a fluid identifier in a pump and (f) fluid volume dispensed.

3. An information system according to claim 2, wherein

said plurality of concurrently operating infusion pumps are connected to an Internet Protocol (IP) compatible network and said pump access address is an IP address.

4. An information system according to claim 1, wherein

said display image includes a plurality of user selectable links associated with said corresponding plurality of concurrently operating infusion pumps and said system includes,

a display processor for initiating generation of data representing a second image including parameters specific to a particular pump in response to user selection of a link associated with said particular pump.

5. An information system according to claim 4, wherein said second image includes at least one of, (a) a current fluid flow rate, (b) fluid volume delivered, (c) a fluid identifier, (d) an authorizing physician identifier, (e) a fluid infusion time remaining indicator, (f) a particular pump IP address, (g) a current time, (h) a user selectable data refresh rate, (i) parameters specific to said particular pump and (j) a user selectable item supporting user manual entry of a fluid infusion related value.

6. An information system according to claim 5, wherein said second image includes at least one of, (a) a graphical representation of fluid infusion flow rate and (b) a graphical representation of infusion fluid volume delivered.

7. An information system according to claim 5, wherein said user selectable item supporting user manual entry of a fluid infusion related value initiates generation of a third image enabling at least one of, (a) a user to alter an existing infusion flow rate or fluid volume delivered value and (b) a user to add a new infusion flow rate or fluid volume delivered value.

8. An information system according to claim 1, including an authentication processor for determining a user is authorized to access information concerning an infusion pump and said data processor inhibits presentation of said second image including parameters specific to said particular pump in response to a determination access is unauthorized.

9. An information system according to claim 1, including an authentication processor for determining a user is authorized to access information concerning an infusion pump and said data processor inhibits access to pump information in response to a determination access is unauthorized.

10. An information system according to claim 1, wherein said data processor processes said acquired fluid infusion related data to provide data to at least one of, (a) a repository of electronic patient medical records for storage in a corresponding plurality of electronic patient medical records in said repository, (b) a pharmacy information system for use in re-stocking medications, (c) a medication order information system for use in monitoring use of particular fluid medications and (d) a patient management information system for use in monitoring patient usage of fluid medications.

11. An information system according to claim 1, wherein an acquisition processor for receiving fluid infusion related data from a plurality of concurrently operating infusion pumps providing fluid infusion to a corresponding plurality of different patients in different locations.

12. A system supporting a plurality of network connected infusion pumps, comprising:

an acquisition processor for receiving fluid infusion related data from a plurality of concurrently operating infusion pumps, said received data identifying said plurality of concurrently operating infusion pumps together with status information identifying status of individual pumps of said plurality of concurrently operating infusion pumps;

a data processor for processing said received fluid infusion related data to be suitable for storage in a database; and

a conversion processor for retrieving fluid infusion related data from said database and for converting said retrieved fluid infusion related data to a data format of a second different system.

13. A system according to claim 12, wherein
said conversion processor,

converts said retrieved fluid infusion related data to a data format of a second different system comprising at least one of, (a) a repository of electronic patient medical records for storage in a corresponding plurality of electronic patient medical records in said repository, (b) a pharmacy information system for use in re-stocking medications, (c) a medication order information system for use in monitoring use of particular fluid medications and (d) a patient management information system for use in monitoring patient usage of fluid medications and initiates communication of said converted fluid infusion related data to said second different system in response to user command.

14. A system according to claim 12, wherein
said conversion processor converts said retrieved fluid infusion related data to a data format suitable for presentation in a single display image.

15. An information system according to claim 12, wherein
said acquisition processor receives fluid infusion related data from said plurality of concurrently operating infusion pumps using Internet Protocol (IP) compatible communication.

16. A method for managing information concerning a plurality of network connected infusion pumps, comprising the steps of:

acquiring fluid infusion related data from a plurality of concurrently operating infusion pumps;

processing said acquired fluid infusion related data to provide data suitable for presentation in a single display image, said single display image identifying said plurality of concurrently operating infusion pumps together with status information identifying status of individual pumps of said plurality of concurrently operating infusion pumps.

17. A method for supporting a plurality of network connected infusion pumps, comprising the steps of:

- receiving fluid infusion related data from a plurality of concurrently operating infusion pumps, said received data identifying said plurality of concurrently operating infusion pumps together with status information identifying status of individual pumps of said plurality of concurrently operating infusion pumps;

- processing said received fluid infusion related data to be suitable for storage in a database;

- retrieving fluid infusion related data from said database; and

- converting said retrieved fluid infusion related data to a data format of a second system.